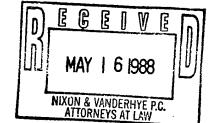




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ASSIGNEE: 501 EISAI CO., LTD., 6-10, KOISHIKAWA 4-CHOME, BUNKYO-KU, TOK YO, JAPAN

SERIAL NUMBER 7-119386 FILING DATE 11/10/87 PATENT NUMBER ISSUE DATE 00/00/00

TITLE OF INVENTION: PYRIDINE DERIVATIVES HAVING ANTI-ULCERATIVE ACTIVITY

INVENTOR: OO1 SOUDA, SHIGERU INVENTOR: OO2 UEDA, NORIHIRO INVENTOR: OO3 MIYAZAWA, SHUHEI

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CONTINUED 4812/0449



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INVENTOR: 004 TAGAMI, KATSUYA
INVENTOR: 005 NOMOTO, SEIICHIRO
INVENTOR: 006 OKITA, MAKOTO
INVENTOR: 007 SHIMOMURA, NAOYUKI
INVENTOR: 008 KANEKO, TOSHIHIKO
INVENTOR: 009 FUJIMOTO, MASATOSHI
INVENTOR: 010 MURAKAMI, MANABU
INVENTOR: 011 OKETANI, KIYOSHI
INVENTOR: 012 FUJISAKI, HIDEAKI

INVENTOR: 013 SHIBATA, HISASHI INVENTOR: 014 WAKABAYASHI, TSUNEO

, we, Shigeru SOUDA, Northiro USIA, Shuhei MIYAZAWA, Katsuya TAGAMI, A S S I G N M E N T

Seischiro NOMOTO, Makoto OKITA, Naoyuki SHIMOMURA, Toshihiko KANEKO, Masatoshi FUJIMOTO, Manabu MURAKAMI, Kiyoshi OKETANI, Hideaki FUJISAKI, Hisashi SHIBATA and Tsuneo WAKABAYASHI

residing at 1271-317, Ushikumachi, Ushiku-shi, Ibaraki, Japan; Mezon Gakuen 205, 23-5, Ama-kubo 2-chome, Sakuramura, Niihari-gun, Ibaraki, Japan; B-202, 8-17, Hakusan 6-chome, Toride-shi, Ibaraki, Japan; 1068, Sawabe, Niiharimura, Niihari-gun, Ibaraki, Japan; 134-2, Kariyacho 1-chome, Ushiku-shi, Ibaraki, Japan; Yuhara mansion 303, 110-8, Ohaza Arakawaoki, Tsuchiura-shi, Ibaraki, Japan; Mezon Gakuen 207, 23-5, Amakubo 2-chome, Sakuramura, Niihari-gun, Ibaraki, Japan; Sejuru Kasuga 202, 10-20, Kasuga 4-chome, Yatabemachi, Tsukuba-gun, Ibaraki, Japan; 5-4, Toukoudai 2chome, Toyosatomachi, Tsukuba-gun, Ibaraki, Japan; 257 Congressional Lane, #114, Rockville, Maryland 20852 U.S.A.; 9-16, Toukoudai 1-chome, Toyosatomachi, Tsukuba-gun, Ibaraki, Japan; 24-2, Umezono 2-chome, Sakuramura, Niihari-gun, Ibaraki, Japan; Yuhara mansion 205, 110-8, Ohaza Arakawaoki, Tsuchiura-shi, Ibaraki, Japan; 368, Motoyoshidamachi, Mito-shi, Ibaraki, Japan,

respectively

, have invented certain new and useful improvements in

PYRIDINE DERIVATIVES HAVING ANTI-ULCERATIVE ACTIVITY

for which an application for United States Letters Patent was signed by us on evendate herewith:

WHEREAS, Eisai Co., Ltd.

a place of business at 6-10, Koishikawa 4-chome, Bunkyo-ku,

, hereinafter called the "Assignee", is desirous of acquiring Our entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefor in the United States and its territorial possessions.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other valuable considerations of the receipt whereof is hereby acknowledged was a thereal of the property of the receipt whereof is hereby acknowledged was a thereal of the receipt whereof is hereby acknowledged was a thereal of the receipt whereof the receipt where the receipt where the receipt where the receipt was a sold assigned and fransferred, and by these presents do sell, assign, transfer and confirm in and to said Assignee Our full and exclusive right to the said invention in the United States and its territorial possessions and Our entire right, title and interest in and to said application and any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in and to any and all divisions, reissues, continuations and extensions thereof.

hereby authorize and request the Patent Office Officials in the United States to issue any and all of said Letters Patent, when granted, to said Assignee for the sole use and behoof of the said Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, we have hereunto set our hand(s) and seal(s).

Signed this 26th day of October, 1987

Shigern Souda Shigeru SOUDA Raoyli Trimomura Naoyliki SHIMOMURA Fisashi Thibati Hisashi SHIBATA

nouhow Weda Towner Wakabayashi Tsuneo WAKABAYASHI Masatoshi Fivimoto. Masatoshi FUJIMOTO Kideaki Fryjsaki Hideaki FUJISAKI

, having

State of County of , personally appeared before me the \_\_\_\_\_, to me known and known to me to be the person(s) described in and who executed the foregoing instrument and acknowledged the same to be free act and deed. RECORDED Notary Public Commission Expires NOV 10 1987 State of County of On this , personally appeared , 19 known to me to be the person(s) described in and who executed the Toregorng instrument

(SEAL)

בי וניום ויבי זחץ

and acknowledged the same to be free act and deed.

www.j.co.

WHEREAS, we, Shigeru SOUDA, Norihiro
UEDA, Shuhei MIYAZAWA, Katsuya TAGAMI, A S S I G N M E N T

Seiichiro NOMOTO, Makoto OKITA, Naoyuki SHIMOMURA, Toshihiko KANEKO, Masatoshi FUJIMOTO, Manabu MURAKAMI, Kiyoshi OKETANI, Hideaki FUJISAKI, Hisashi SHIBATA and Tsuneo WAKABAYASHI

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hereby authorize and request the Patent Office Officials in the United States to issue any and all of said Letters Patent, when granted, to said Assignee for the sole use and behoof of the said Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, we have hereunto set our hand(s) and seal(s).

Signed this 26th day of October, 1987

Shigeru Soudu
Shigeru Soudu
Shigeru Soudu
Katsuya TAGAMYMI
Naorfuk Tumomura
Naorfuk SHIMOMURA
Manabu MURAKAMI
Hisashi Shibata
Hisashi SHIBATA

Nouhow Juda
Norihiro UEDA
Seuchiro Nomoto
Seiichiro NOMOTO
Joshihiko # kanuko
Toshihiko # ANEKO
Lyoshi Jibetani
Kiyoshi OKETANI
Jauneo Wakabayashi
Tsuneo Wakabayashi

Shuhei Migazawa Shuhei Migazawa Makoto Ckita Makoto Okita Masatoshi Fujimato Masatoshi Fujimoto Viduaki Fujisaki Hideaki Fujisaki

State of ) ss.

County of ) on this day of \_\_\_\_\_\_, 19 , personally appeared before me the above-named \_\_\_\_\_\_, to me known and known to me to be the person(s) described in and who executed the foregoing instrument and acknowledged the same to be free act and deed.

(SEAL)

RECORDED PATENTY TRADEMARK OFFICE My Commission Expires

State of ) ss.

County of ) ss.

On this day of , 19 , personally appeared before me the above-named known to me to be the person(s) described in and who executed the foregoing in a trument and acknowledged the same to be free act and deed.

(SEAL)

Notary Public

My Commission Expires